

2004.05.23 2004

us-09-901-910-2.rapb

Page 1

GenCore version 5.1.6
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protein search, using sw model

August 31, 2004, 18:25:19 : Search time 127 Seconds

(without alignments)
943.839 Million cell updates/sec

US-09-901-910-2

1 MSRIAPALAVVTLHLTR.....ANEAPFPYRLFDHIFRD 381

Gapexp 10.0 , Gapext 0.5

1297172 segs, 314612898 residues

Number of hits satisfying chosen parameters: 1297172

DB seq length: 0

DB seq length: 2000000000

Maximum Match 100%

Listing first 45 summaries

Published Applications AA:*
1: /cgn2_6/ptodata/2/pubpaa/US07_PUBCOMB.pep:*
2: /cgn2_6/ptodata/2/pubpaa/PCR_NEW_PUB.pep:*
3: /cgn2_6/ptodata/2/pubpaa/US06_NEW_PUB.pep:*
4: /cgn2_6/ptodata/2/pubpaa/US06_PUBCOMB.pep:*
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11: /cgn2_6/ptodata/2/pubpaa/US09C_PUBCOMB.pep:*
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15: /cgn2_6/ptodata/2/pubpaa/US10C_PUBCOMB.pep:*
16: /cgn2_6/ptodata/2/pubpaa/US10C_NEW_PUB.pep:*
17: /cgn2_6/ptodata/2/pubpaa/US60_NEW_PUB.pep:*
18: /cgn2_6/ptodata/2/pubpaa/US60_PUBCOMB.pep:*

Ref. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Score Match Length DB ID Description

100.0 381 14 US-09-901-910-2 Sequence 2, Appl
100.0 381 14 US-10-284-796-2 Sequence 2, Appl
100.0 381 14 US-10-384-015-5 Sequence 5, Appl
100.0 381 15 US-10-039-322-42 Sequence 42, Appl
100.0 381 15 US-10-044-564-42 Sequence 42, Appl
100.0 381 16 US-10-381-644-2 Sequence 2, Appl
100.0 381 16 US-10-464-368-61 Sequence 61, Appl
100.0 381 16 US-10-312-459-2 Sequence 2, Appl
455 9 US-09-925-301-1432 Sequence 1432, Ap
381 15 US-10-039-322-43 Sequence 43, Appl
381 15 US-10-044-564-43 Sequence 43, Appl
381 15 US-10-039-322-44 Sequence 44, Appl
381 15 US-10-044-564-44 Sequence 44, Appl
381 14 US-10-205-823-84 Sequence 84, Appl
381 15 US-10-039-322-2 Sequence 2, Appl

16 2107 99.6 381 15 US-10-039-322-41 Sequence 41, Appl
17 2107 99.6 381 15 US-10-044-564-2 Sequence 2, Appl
18 2107 99.6 381 15 US-10-044-564-41 Sequence 41, Appl
19 2106 99.6 381 13 US-10-053-753-4 Sequence 4, Appl
20 2106 99.6 381 15 US-10-182-432-4 Sequence 4, Appl
21 2106 99.6 381 16 US-10-312-459-6 Sequence 6, Appl
22 1980.5 93.6 374 9 US-09-853-625B-12 Sequence 12, Appl
23 1980.5 93.6 375 10 US-09-901-910-7 Sequence 7, Appl
24 1938 91.6 379 9 US-09-853-625B-11 Sequence 11, Appl
25 1938 91.6 379 13 US-10-053-753-2 Sequence 2, Appl
26 1938 91.6 379 15 US-10-039-322-45 Sequence 45, Appl
27 1938 91.6 379 15 US-10-182-432-2 Sequence 2, Appl
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31 1937 91.6 379 16 US-10-464-368-62 Sequence 62, Appl
32 1699 80.3 375 9 US-09-853-625B-13 Sequence 13, Appl
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34 1667.5 78.8 375 16 US-10-464-368-63 Sequence 63, Appl
35 1348 63.7 373 16 US-10-627-604-12 Sequence 12, Appl
36 959 45.3 347 14 US-10-245-977-7 Sequence 7, Appl
37 959 45.3 347 16 US-10-464-368-56 Sequence 56, Appl
38 957 45.2 347 14 US-10-390-986-2 Sequence 2, Appl
39 956.5 45.2 348 13 US-10-101-040-3 Sequence 3, Appl
40 956.5 45.2 348 16 US-10-627-604-15 Sequence 15, Appl
41 952.5 45.0 348 9 US-09-853-625B-15 Sequence 15, Appl
42 952.5 45.0 348 13 US-10-053-753-6 Sequence 6, Appl
43 952.5 45.0 348 14 US-10-245-977-8 Sequence 8, Appl
44 952.5 45.0 348 15 US-10-182-432-6 Sequence 6, Appl
45 952.5 45.0 348 16 US-10-464-368-54 Sequence 54, Appl

ALIGNMENTS

RESULT 1
US-09-901-910-2
Sequence 2, Application US/0901910
Publication No. US20030012768A1
GENERAL INFORMATION:
APPLICANT: Li, Haodong
APPLICANT: Adams, Mark
TITLE OR INVENTION: Connective Tissue Growth Factor-2
FILE REFERENCE: PFI26P2
CURRENT APPLICATION NUMBER: US/09/901,910
PRIOR FILING DATE: 2001-07-11
PRIOR APPLICATION NUMBER: 09/348,815
PRIOR FILING DATE: 1999-07-08
PRIOR APPLICATION NUMBER: 08/459,101
PRIOR FILING DATE: 1995-06-02
PRIOR APPLICATION NUMBER: PCT/US94/07736
PRIOR FILING DATE: 1994-07-12
PRIOR APPLICATION NUMBER: 60/217,402
PRIOR FILING DATE: 2000-07-11
PRIOR APPLICATION NUMBER: 60/291,642
PRIOR FILING DATE: 2001-05-18
NUMBER OF SEQ ID NOS: 8
SOFTWARE: PatentIn version 3.0
SEQ ID NO 2
LENGTH: 381
TYPE: PRT
ORGANISM: homo sapiens
US-09-901-910-2

Query Match 100.0% Score 2115; DB 10; Length 381;
Best Local Similarity 100.0%; Pred. No. 1,3e-171;
Matches 381; Conservative 0; Mismatches 0; Gaps 0;
DB 1 MSRIAPALAVVTLHLTRALSTCPAACHFLEAPKAGVGVNDGCGCCVCAKOL 60
1 MSRIAPALAVVTLHLTRALSTCPAACHFLEAPKAGVGVNDGCGCCVCAKOL 60

GenCore version 5.1.6
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protein - protein search, using sw model

h on: August 31, 2004, 18:20:27 ; Search time 57 Seconds

1888.607 Million cell updates/sec

File: US-09-901-910-2

Influence: 1 MSSRIARALAVTLLHLTR.....ANEAAFPFYRLFNDIHKFRD 381

Spring table: BLOSUM62

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1586107 segs, 282547505 residues

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total number of hits satisfying chosen parameters: 1586107

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num DB seq length: 0
num DB seq length: 20000000000

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t-processing: Minimum Match 0%
               Maximum Match 100%

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A_Geneseq_29Jan04:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB	ID	Description
1	2115	100.0	381	2	AAW35957	Aaw35957 Human cor
2	2115	100.0	381	4	AAAB90773	AAAB90773 Human sh
3	2115	100.0	381	5	AAU79761	AAU79761 Human Cy
4	2115	100.0	381	5	ABBO5458	ABBO5458 Human Cy
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8	2107	99.6	381	5	ABBO5458	ABBO5458 Human Cy
9	2107	99.6	381	5	ABBO5458	ABBO5458 Human Cy
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11	2106	99.6	381	4	AAW35730	AAW35730 Human cor
12	1980.5	93.6	375	5	AAAB90922	AAAB90922 HCGF CN
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14	1980.5	93.6	375	2	AAAB90919	AAAB90919 Connecti
15	1980.5	93.6	375	2	AAAB90919	AAAB90919 Connecti
16	1980.5	93.6	375	2	AAAB90919	AAAB90919 Connecti
17	1938	91.6	379	4	AAAB5555	AAAB5555 Human cor
18	1938	91.6	379	4	AAAB5555	AAAB5555 Human cor
19	1938	91.6	379	4	AAAB5555	AAAB5555 Human cor
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21	1699	80.3	375	4	AAAB5555	AAAB5555 Human cor
22	959	45.3	347	6	ABR43138	ABR43138 Rat comm
23	957	45.2	347	6	ABR43139	ABR43139 Rat comm
24	956.5	45.2	348	2	AAAB5556	AAAB5556 Beta-IG-B
25	956.5	45.2	348	6	ABR55766	ABR55766 Mouse cor

26	956.5	45.0	348	5	AB2576.2	AdB5576.2	Mouse con
27	952.5	45.0	27	952.5	45.0	AAW35731	Mouse fl1
28	952.5	45.0	348	3	AAy44756	AAy44756	Mouse con
29	952.5	45.0	348	4	AAE05922	AAE05922	Mouse fib
30	952.5	45.0	348	5	ABB09205	ABB09205	Fisp-12 C
31	952.5	45.0	348	6	ABR43139	ABr43139	Mouse con
32	952.5	45.0	347	2	AAW12694	AAw12694	Connectiv
33	952.5	45.0	347	3	AAy93340	AAy93340	Amino aci
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ALIGNMENTS

RESULT 1	
AAW35957	
ID AAW35957	standard; protein; 381 AA

AC AAW35957;

DT 05-MAR-1998 (first entry)

DE Human monocyte mature differentiation factor.

KW Human; monocyte; mature; differentiation factor; MMDF; macrophage

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AA
DB : WPT. 1997-497320/46

DR N-FOUD; AA191142
XX

PT A monocytic mature differentiation factor - useful for the long term tissue culture of macrophage(s)

Claim 9; Page 12-13; 22pp; Japanese.

The present sequence represents a model

culture. MMDF can be used as an anti-cancer agent, an immune activator

XX

Best Local Similarity 100.0%; Pred. No. 9,6e-153;

1. The first group of respondents (n = 10) was composed of students who had completed the course and were currently employed in a related field. 2. The second group (n = 10) was composed of students who had completed the course and were currently employed in a related field. 3. The third group (n = 10) was composed of students who had completed the course and were currently employed in a related field. 4. The fourth group (n = 10) was composed of students who had completed the course and were currently employed in a related field. 5. The fifth group (n = 10) was composed of students who had completed the course and were currently employed in a related field. 6. The sixth group (n = 10) was composed of students who had completed the course and were currently employed in a related field. 7. The seventh group (n = 10) was composed of students who had completed the course and were currently employed in a related field. 8. The eighth group (n = 10) was composed of students who had completed the course and were currently employed in a related field. 9. The ninth group (n = 10) was composed of students who had completed the course and were currently employed in a related field. 10. The tenth group (n = 10) was composed of students who had completed the course and were currently employed in a related field.

THE UNIVERSITY OF CHICAGO

[illegible]

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